



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 05015.0366U3	SERIAL NO.: 09/843,037
	APPLICANT: Buchanan <i>et al.</i>	
	FILING DATE: April 26, 2001	GROUP: 1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LCM	AA	6,046,177	04/04/00	Stella, <i>et al.</i>	514	58	
LCM	AB	6,019,988	02/01/00	Parab, <i>et al.</i>	424	400	
LCM	AC	6,010,715	01/04/00	Wick, <i>et al.</i>	424	448	
LCM	AD	5,980,551	11/09/99	Summers, <i>et al.</i>	606	194	
LCM	AE	5,904,929	05/18/99	Uekama, <i>et al.</i>	424	443	
LCM	AF	5,865,792	02/02/99	Ledger <i>et al.</i>	604	20	
LCM	AG	5,817,332	10/06/98	Urtti, <i>et al.</i>	424	449	
LCM	AH	5,614,199	03/25/97	Zmitek, <i>et al.</i>	424	400	
LCM	AI	5,383,928	01/24/95	Scott, <i>et al.</i>	623	1	
LCM	AJ	4,073,931	02/14/78	Akito, <i>et al.</i>	424	298	

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FOREIGN PATENT DOCUMENTS

LCM	AK	WO 98/18610	05/07/98	PCT			
LCM	AL	EP 0578231	01/12/94	Europe			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LCM	AM	Bertele <i>et al.</i> "Prostanoids for Chronic Critical Leg Ischemia - A Randomized, Controlled, Open-Label Trial with Prostaglandin E <sub>1</sub> " <i>Ann Intern Med.</i> , 130:412-421 (1999)
LCM	AN	Harata. "X-Ray Structure of Hexakis (2,3,6-tri-O-acetyl)- $\alpha$ -cyclodextrin," <i>Chem. Ltrs.</i> , 589-590 (1998)
LCM	AO	Nakanihi <i>et al.</i> "Sustained Release of Flufenamic Acid from a Drug-Triacetyl- $\beta$ -Cyclodextrin Complex," <i>Biol. Pharm. Bull.</i> , 20(1):66-70 (1997)
LCM	AP	Soliman <i>et al.</i> "Controlled Release of Diltiazem by a Combination of Short-and Long-chain Peracylated $\beta$ -Cyclodextrins in Dogs," <i>Pharm. Sci.</i> , 2:533-536 (1996)
LCM	AQ	Hirayama <i>et al.</i> "Characterization of Peracylated $\beta$ -Cyclodextrins with Different Chain Lengths as a Novel Sustained Release Carrier for Water-Soluble Drugs," <i>Chem. Pharm. Bull.</i> , 43(1):130-136 (1995)
LCM	AR	Matsubara <i>et al.</i> "Controlled Release of the LHRH Agonist Buserelin Acetate from Injectable suspensions Containing Triacetylated Cyclodextrins in an Oil Vehicle," <i>J. Controlled Rel.</i> , 31:173-180 (1994)
LCM	AS	Uekama <i>et al.</i> "Peracylated $\beta$ -Cyclodextrins as Novel Sustained-release Carriers for a Water-soluble Drug, Molsidomine" <i>J. Pharm. Pharmacol.</i> , 46:714-717 (1994)
LCM	AT	Fucile <i>et al.</i> "Inclusion Complex of Isosorbide-5-mononitrate in $\beta$ -Cyclodextrin: Comparison of Preparation Methods and Assessment of Analytical Techniques," <i>Eur. J. Pharm. Biopharm.</i> , 38(4):140-144 (1992)
LCM	AU	Yamamoto <i>et al.</i> "Improvement of Stability and Dissolution of Prostaglandin E by Maltosyl- $\beta$ -Cyclodextrin in Lyophilized Formulation," <i>Chem. Pharm. Bull.</i> , 40(3):747-751 (1992)



LCM	AV	Tomono <i>et al.</i> "Effect of $\beta$ -Cyclodextrins on Sustained Release of Nitroglycerin from Ointment Bases," <i>Yakuzaigaku</i> , 51(1):22-28 (1991) (Abstract)
LCM	AW	Bauer <i>et al.</i> "Chemical Stabilization of a Vasoactive S-Nitrosothiol with Cyclodextrins Without Loss of Pharmacologic Activity," <i>Pharm. Res.</i> , 8(10):1329-1334, 1991
LCM	AX	Umemura <i>et al.</i> "Effect of Diethyl- $\beta$ -Cyclodextrin on the Release of Nitroglycerin from Formulations," <i>Drug Des. Del.</i> , 6:297-310 (1990)
LCM	AY	Tomono <i>et al.</i> "Interaction of Nitroglycerin with 6-O- $\alpha$ -maltosylcyclomaltoheptaose," <i>Carb. Res.</i> , 192:351-356 (1989)
LCM	AZ	Idzu <i>et al.</i> "Stability and Bioequivalency of Sublingual Tablet of Nitroglycerin - $\beta$ -cyclodextrin Coomplex," <i>Jpn. J. Hosp. Pharm.</i> , 15(1):36-42 (1989)(Abstract)
LCM	BA	Tomono <i>et al.</i> "Complexation of Nitroglycerin with Several $\beta$ -Cyclodextrin Polymers by Grinding Method," <i>Yakuzaigaku</i> , 48(1):9-16 (1988) (Abstract)
LCM	BB	Hirayama <i>et al.</i> "Utilization of Diethyl- $\beta$ -Cyclodextrin as a Sustained-Release Carrier for Isosorbide Dinitrate," <i>J. Pharm. Sci.</i> , 77(3):233-236 (March 1988)
LCM	BC	Uekama <i>et al.</i> "Stabilization of isosorbide 5-mononitrate in solid state by $\beta$ -cyclodextrin complexation," <i>Intl. J. Pharm.</i> , 25:339-346 (1985)
LCM	BD	Uekama <i>et al.</i> "Improvement of Dissolution Characteristics and Chemical Stability of Prostaglandin E <sub>1</sub> by $\gamma$ -Cycodextrin Complexation," <i>Chem. Pharm. Bull.</i> , 32(1):275-279 (1984)
LCM	BE	Stadler-Szoke <i>et al.</i> "A nitroglicerine $\beta$ -ciklodextrin zarvanykomplex," <i>Acta Pharmaceutica Hungarica</i> , 49:30-34 (1979)
LCM	BF	French <i>et al.</i> "Studies on the Schardinger Dextrins. The Preparation and Solubility Characteristics of Alpha, Beta and Gamma Dextrins," <i>JACS</i> , 71:353-356 (1949)
LCM	BG	Freudenberg <i>et al.</i> "Schardinger's Dextrins Derived from Starch," <i>Chem. Ind.</i> , 731-735 (November 29, 1947)
LCM	BH	Freudenberg <i>et al.</i> "Ober Schardingers Dextrine aus Starke," <i>Annalea</i> , 518:102-108 (1935)

EXAMINER: *Light*      DATE CONSIDERED: 5-9-03

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APPLICANT: Buchanan *et al.*LIST OF PRIOR ART CITED BY APPLICANT  
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FILING DATE: April 26, 2001

GROUP: 4615 1623

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LCM	A1	5,633,368	05/27/97	Hirsenkorn	536	103	
LCM	A2	5,298,496	03/29/94	Vikmon <i>et al.</i>	514	58	
LCM	A3	4,670,419	06/02/87	Uda <i>et al.</i>	514	16	
LCM	A4	4,518,588	05/21/85	Szejtli <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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LCM	A1	4,956,351	09/11/90	Mesens et al.	514	58	
LCM	A2	4,948,395	08/14/90	Armstrong	55	67	
LCM	A3	4,727,064	02/23/88	Pitha	514	58	
LCM	A4	4,722,815	02/02/88	Shibanai	264	117	
LCM	A5	3,459,731	08/05/69	Gramera et al.	260	209	

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## FOREIGN PATENT DOCUMENTS

	A6	10-045609	02/17/98	Japan (abstract)			
	A7	58-108201	09/14/83	Japan (abstract)			

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LCM	A8	Szejtli, "Chemistry, Physical and Biological Properties of Cyclodextrins," pp. 5-40 (date unknown)					

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